Index of Claims

| Application No.     | Applicant(s)     |  |
|---------------------|------------------|--|
| 10/036,264          | BAZZOCCHI ET AL. |  |
| Examiner            | Art Unit         |  |
| Jayprakash N Gandhi | 2125             |  |

| / | Rej cted | 1 | (Through num ral)<br>Cancelled |
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| = | Allowed  | + | Restricted                     |

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| ı | Interference | 0 | Objected |

| Cla             | Claim Date |          |                         |              | Cla      | aim                 | Date     |          |        |             |          | CI       | aim              | Date            |               |  |               |          |          |          |                    |  |  |                       |          |   |                   |          |
|-----------------|------------|----------|-------------------------|--------------|----------|---------------------|----------|----------|--------|-------------|----------|----------|------------------|-----------------|---------------|--|---------------|----------|----------|----------|--------------------|--|--|-----------------------|----------|---|-------------------|----------|
|                 | =          |          |                         |              |          | П                   |          |          |        |             | -        |          |                  |                 |               |  |               |          |          |          |                    | Т  |  |                       |          | П   |                   |          |
| Final           | Original   | 1/6/05   |                         |              |          |                     |          |          |        | ल           | Original | 1        |                  |                 |               |  | 1             |          | ळ        | Original |                    | 1  |  |                       | П        |   |                   |          |
| 뜶               | rigi       | 9        |                         |              |          |                     |          |          |        | Final       | ij       |          | 1 1              |                 | ı             |  |               |          | Final    | rigi     |                    | 1  |  |                       |          |   |                   |          |
| -               | 0          | -        |                         |              |          | 1 1                 |          |          |        | _           | 0        |          | 1 1              |                 | - 1           | 1 1  |               |          | _        | 0        |                    |  |  |                       |          |   |                   | - 1      |
| -               | 1          | $\vdash$ | -+                      | +            | +        | $\vdash$            |          |          | -      | $\vdash$    | 51       |          | +                |                 | -             | +  | $\dashv$      | 1        |          | 101      | -                  | +  | +-   | $\vdash$              |          | $\vdash$  | -                 | $\dashv$ |
| $\vdash$        | 2          | $\vdash$ | $\dashv$                | +            | +        | $\vdash$            | $\vdash$ | $\dashv$ |        |             | 52       | +        | +                | $\dashv$        | +             | 1  |               | ╂∭       |          | 102      | -                  | +  | +-   | $\vdash$              | $\dashv$ |   | -                 | $\dashv$ |
| $\vdash$        | 3          | H        | -                       | +            | +        | $\vdash$            | $\vdash$ | +        |        | -           | 53       | -        | ┦                | -+              |               | -  |               | -        |          | 102      | -                  |  | +  | ┦                     | Н        | ⊢⊢  | $\dashv$          | ᅴ        |
|                 |            | $\vdash$ | -                       |              | +        | ╂╾╂                 |          |          |        | <b>-</b>    |          |          | $\vdash$         | $\dashv$        | +             | +  | +             | -        |          | 103      | -                  | +  | +  | ₩                     |          | $\dashv$  | _                 | 4        |
| $\vdash$        | 4          |          |                         |              | ┼        | ₩                   | Н        | $\dashv$ |        | <u> </u>    | 54       |          | $\vdash$         | $\dashv$        | -             | $\vdash$   |               |          |          | 104      | _                  | _  | -∔   | ⇊                     |          | $\vdash$  | 4                 | ᅴ        |
| $\vdash$        | 5          | Į į      |                         | +            | $\vdash$ | ₩                   | -1       |          |        | <u> </u>    | 55       | _        | $\sqcup$         | $\dashv$        | $\dashv$      | <del>                                     </del> |               |          |          | 105      |                    | +  | 1  | Ш                     |          | $\vdash$  | _                 | _        |
|                 | 6          | 7        | _                       | _            | —        | $\sqcup$            | Ш        |          | 4      | <u> </u>    | 56       |          | 1                |                 | _ _           | $\bot$   |               |          |          | 106      | $\perp$            | _  |  | Ш                     |          | Ш   | _                 | _        |
| Щ               | 7          | 7        | $\dashv$                | 4            | Щ.       | Ш                   |          | $\perp$  | _      | <u> </u>    | 57       |          | $\sqcup$         |                 |               | $\downarrow \downarrow \downarrow$               |               | 1        |          | 107      | $\perp$            | 4  | ↓_   | Ш                     |          |   |                   | _        |
|                 | 8          | 1        |                         |              |          | Ш                   | Ш        |          | _      | <u> </u>    | 58       |          | Ш                |                 | _ _           | $\perp$  |               |          |          | 108      |                    |  | _  | Ш                     |          | $\Box$  | $\perp$           |          |
|                 | 9          | <b>V</b> | _                       |              | 丄        | Ш                   |          | $\perp$  | _      | <u> </u>    | 59       |          |                  |                 |               | $\sqcup$   |               |          |          | 109      |                    | 丄  |  | Ш                     |          | Ш   |                   |          |
| Ш               | 10         | 1        |                         |              |          | $oxed{oxed}$        |          |          |        |             | 60       |          |                  |                 |               | $\perp \perp$                                    |               |          |          | 110      |                    |  |  |                       |          |   |                   |          |
|                 | 11         | 7        |                         |              |          |                     |          |          | _      |             | 61       |          | $\Box$           |                 |               |  |               | ][       |          | 111      |                    | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | $\bot$   |                       |          |   | $_{	extsf{T}}$    |          |
|                 | 12         | 1        | $oldsymbol{\mathbb{I}}$ |              | L        |                     |          | $\Box I$ |        |             | 62       |          |                  |                 |               |  |               |          |          | 112      |                    |  | $\Gamma$   |                       |          | $\Box$  | $\Box$            | $\Box$   |
|                 | 13         | 1        | T                       |              |          |                     |          | T        |        |             | 63       |          |                  | T               |               | $\Box$   |               |          |          | 113      |                    | T  |  | П                     |          | $\sqcap$  | 寸                 | $\neg$   |
|                 | 14         | 1        |                         |              |          |                     |          |          |        |             | 64       |          | $I \dashv$       | $\neg$          |               | $\Box$   |               | 1::::1   |          | 114      |                    | T  |  | П                     | П        | 一十  | 寸                 | $\neg$   |
|                 | 15         | 1        | Ţ                       |              | T        | $\Box$              |          | $\neg$   |        |             | 65       | $\neg$   | $\Box$           | $\neg \uparrow$ |               | 1  | $\neg \vdash$ | 1)       | _        | 115      | $\neg \uparrow$    | $\top$   | T  | П                     | $\dashv$ | $\dashv$  | $\dashv$          | 乛        |
| $\Box$          | 16         | $\dashv$ | $\top$                  | 1            | T        | $\Box$              |          | _        | 7      |             | 66       |          | 1 1              | $\neg \uparrow$ | $\neg \vdash$ | $\Box$   |               | 1        |          | 116      | $\dashv$           | $\top$   | 十  | Н                     | $\vdash$ | $\dashv$  | $\dashv$          | $\dashv$ |
|                 | 17         | $\dashv$ | _                       | +            | $\top$   | $\Box$              | _        | +        | 7::::  | $\vdash$    | 67       | _        | ╅                | $\dashv$        | +             | <del>1  </del>                                   |               |          |          | 117      | $\dashv$           | $\top$   | +-   | $\vdash$              | $\vdash$ | $\dashv$  | $\dashv$          | $\dashv$ |
| $\vdash$        | 18         | $\dashv$ | +                       | +            | $\vdash$ | $\vdash$            | 寸        | -        | -      |             | 68       |          | $\vdash$         | $\dashv$        | $\dashv$      | +  | -+            | liiii l  |          | 118      | +                  | +  | +-   | $\vdash$              |          | $\dashv$  | $\dashv$          | $\dashv$ |
| Н               | 19         | 1        | $\dashv$                | +            | $\vdash$ | Н                   | $\dashv$ | $\dashv$ |        |             | 69       |          | $\vdash$         | $\dashv$        | +             | + +  | _             | ╢╬       |          | 119      | -                  | ╅  | +  | ╁                     | $\vdash$ | $\dashv$  | $\dashv$          | ᅱ        |
|                 | 20         | V        | +                       | +            | ╁        | $\vdash$            | +        | $\dashv$ | -      | <b></b>     | 70       |          | $\vdash$         | $\dashv$        | +             | ╁  | _             | {:::::}  |          | 120      | -+                 | +  | +  | $\vdash$              | $\vdash$ | $\dashv$  | $\dashv$          | -        |
| $\vdash$        | 21         | V        | +                       | +            | ╁        | ↤                   | $\dashv$ | +        | -      |             | 71       | +        | $\vdash$         |                 | +             | ╁  | +             | l        |          | 121      | +                  | ┿  | +  | Н                     | $\vdash$ | $\dashv$  | -                 | 1        |
| $\vdash$        |            | 1        | +                       | +            | +        | ₩                   | $\dashv$ |          |        | <del></del> |          |          | ₩                | $\dashv$        | +             | +  | +             | <b> </b> |          |          | -                  |  | +  | Н                     | $\vdash$ | -   | -+                | -1       |
| $\vdash$        | 22         | V        | +                       | +            | ╀        | ₩                   | -        |          |        |             | 72       |          | $\vdash$         | $\rightarrow$   | _             | -  |               | 1        |          | 122      | -+                 | +  | +-   | Ш                     | $\vdash$ | -   | 4                 | 4        |
|                 | 23         |          | +                       | 1            | ╀        | $\vdash \vdash$     | $\dashv$ | _        | -      |             | 73       |          | 1-1              | $\dashv$        | _             |  |               |          |          | 123      | +                  | +  | <b>-</b>   | Ш                     | $\Box$   | $\dashv$  | $\dashv$          | _        |
| $\vdash$        | 24         | _        |                         |              | ╄        | ₩                   | -        | _        | -      |             | 74       | _        | -                | -               | _             | $\sqcup$   |               | l I      |          | 124      | $\perp$            | $\bot$   | ┼  | Ш                     |          | $\dashv$  | _                 | _        |
| $\vdash \vdash$ | 25         | _        |                         | _            | ╀        | ₩                   | _        | _        | -      |             | 75       | $\perp$  | 1                |                 | 4             | 1  |               |          |          | 125      |                    |  | ╄  | Ш                     |          | $\dashv$  | _                 | _        |
| $\square$       | 26         |          |                         |              | 1_       | $\sqcup$            | _        |          | -      |             | 76       |          | ш                |                 | $\perp$       | 1  |               |          |          | 126      | $\perp$            | <u> </u>   | ╄-   |                       | Ц        |   | _                 | _        |
| $\sqcup$        | 27         | _        |                         |              | ↓_       | $\sqcup$            | $\Box$   | _        | _ :::: |             | 77       |          | Ш                |                 |               | 1  |               | <u> </u> |          | 127      | $\perp$            |  | ┸-   | Ш                     |          | $\dashv$  | _                 | Ц        |
|                 | 28         |          | $\perp$                 | $\perp$      | _        | Ш                   |          |          | _::::  |             | 78       |          | 1_1              |                 |               |  |               |          |          | 128      |                    |  | 1  |                       |          |   |                   |          |
|                 | 29         |          |                         |              | <u> </u> |                     |          | L        |        |             | 79       |          | Ш                |                 |               |  |               |          |          | 129      |                    |  |  |                       |          | Ш   |                   |          |
|                 | 30         |          |                         |              |          |                     |          |          |        |             | 80       |          |                  |                 |               |  |               |          |          | 130      |                    |  |  |                       |          |   |                   |          |
|                 | 31         |          |                         |              |          |                     |          | . 1.     |        |             | 81       |          |                  |                 |               |  |               |          |          | 131      | $-\Gamma$          |  |  | П                     |          | П   | П                 |          |
|                 | 32         |          | T                       | $oxed{oxed}$ |          |                     |          | ,        |        |             | 82       |          | $\Box$           |                 |               | П  |               |          |          | 132      | $\neg$             |  |  | П                     |          | $\neg$  | 丁                 |          |
|                 | 33         | $\sqcap$ | T                       | T            |          |                     | $\neg$   |          |        |             | 83       | $\neg$   | П                |                 |               | $\Box$   |               | 1        |          | 133      |                    | $\top$   | T  | П                     | $\Box$   | 寸   | $\dashv$          |          |
|                 | 34         | 一        | T                       |              | Т        | П                   | T        | T        |        |             | 84       |          | $\Box$           | $\neg$          |               | $\Box$   |               | 1 1      |          | 134      |                    | T  | T  | П                     |          | $\dashv$  | T                 | $\dashv$ |
|                 | 35         | $\neg$   | $\neg$                  | 1            | Τ        | $\Box$              |          |          |        |             | 85       |          | $\sqcap$         | 寸               | $\neg$        |  | $\neg$        |          |          | 135      | -†-                | T  | 1  | П                     |          | $\dashv$  | 寸                 | ┪        |
|                 | 36         |          | $\top$                  | 1-           |          | $\sqcap$            | $\dashv$ | $\dashv$ |        | <b> </b>    | 86       | $\neg$   |                  | 寸               |               | $\vdash$   |               | 1        |          | 136      | $\neg$             | $\top$   | $\top$   | г                     | $\dashv$ | $\dashv$  | $\dashv$          | $\dashv$ |
|                 | 37         | $\dashv$ | $\top$                  | $\top$       | Т        | $\Box$              | _        |          | 1      |             | 87       | $\dashv$ | 1 1              | $\dashv$        | $\top$        | $\vdash$   | $\top$        | ı        |          | 137      | $\dashv$           | +  | t  | $\vdash \vdash$       |          | $\dashv$  | 十                 | $\dashv$ |
|                 | 38         | 寸        | 十                       | 1-           | $t^-$    | $\vdash$            | +        | +        | 7      |             | 88       | $\dashv$ | $\dagger$        | $\dashv$        |               | 1 1  |               | ı        |          | 138      | $\dashv$           | +  | +  | H                     | $\dashv$ | $\dashv$  | $\dashv$          | $\dashv$ |
| $\vdash$        | 39         | $\dashv$ | +                       | +            | 1        | $\vdash$            | 一        | -+       | -      |             | 89       | $\dashv$ | † †              | $\dashv$        | +             | +  | $\dashv$      |          | $\dashv$ | 139      | +                  | +-   | +-   | $\vdash \vdash$       |          | $\dashv$  | $\dashv$          | $\dashv$ |
| - +             | 40         | $\dashv$ | +                       | +            |          | $\vdash$            | +        | -        | اااا   | $\vdash$    | 90       |          | 1 1              | _               | +             | + +  | $\dashv$      |          | $\dashv$ | 140      | -                  | ╅  | +  | $\vdash$              | $\dashv$ | +   | 十                 | $\dashv$ |
| $\vdash$        | 41         | $\dashv$ | +                       | +            | $\vdash$ | $\vdash$            | $\dashv$ | $\dashv$ | -      | $\vdash$    | 91       |          | +                | +               | +             | + +  | +-            |          |          | 141      | +                  | +-   | +  | $\vdash \vdash$       |          | $\dashv$  | +                 | $\dashv$ |
| $\vdash$        | 42         | $\dashv$ | ╁                       | +            | +-       | $\vdash$            | $\dashv$ | $\dashv$ | -      | $\vdash$    | 92       | +        | ┥                | +               | +-            | ↤  | +             | ╟╟       |          | 142      | +                  | +  | +  | $\vdash \vdash$       | $\dashv$ | $\dashv$  | $\dashv$          | $\dashv$ |
|                 | 43         | +        | +                       | +            | $\vdash$ | $\vdash$            | $\dashv$ | +        | -      | ├           | 93       | +        | <del>  -  </del> | +               | +             | <del> -  </del>                                  | +             |          |          | 142      | -                  | +  | +-   | $\vdash \vdash$       | $\dashv$ | $\dashv$  | -+                | $\dashv$ |
| $\vdash$        |            | +        | +                       | +            | $\vdash$ | $\vdash$            | $\dashv$ |          | -      | <b> </b>    |          | $\dashv$ |                  | $\dashv$        | +             | ╁╌┼  | +             |          |          | 143      | $\dashv$           | +-   | +-   | $\vdash \vdash$       |          | -+  | $\dashv$          | $\dashv$ |
|                 | 44         | +        | +                       | +            | $\vdash$ | $\vdash \vdash$     | $\dashv$ | $\dashv$ | -      |             | 94       | - -      | $\vdash$         | -               | -             | $\vdash$   |               |          |          | 144      |                    | +  | $\vdash$   | Н                     |          | $\dashv$  | -                 | 4        |
| -               | 45         | 4        | _                       | +-           | $\vdash$ | $\vdash \vdash$     | -        |          | - :::: | <b> </b> -  | 95       | -        |                  | $\dashv$        | +             | $\vdash$   |               |          |          | 145      | $\dashv$           | +  | $\vdash$   | ${oldsymbol{\sqcup}}$ | _        | -4  | _                 | _        |
|                 | 46         | _        | _                       | 4-           | Щ        | $\vdash \downarrow$ |          |          | 4      | L           | 96       | $\perp$  | Щ                | _               | $\perp$       | $\sqcup$   |               | l::::i.  |          | 146      | $\perp$            | 4_   | ↓_   | Ш                     | _        | _   | $\perp$           | _        |
| igsquare        | 47         | _        | $\perp$                 |              | $\sqcup$ | $\sqcup$            |          |          | _      |             | 97       |          | Ш                | $\perp$         |               | 1_1  |               |          |          | 147      | $\bot$             | $\perp$  | $oxed{oxed}$   | Ш                     |          | $\dashv$  |                   | ᆚ        |
|                 | 48         | _        | $\bot$                  | ╀-           |          | Ш                   |          |          | _      |             | 98       |          | $\sqcup$         | $\perp$         | _             | $\sqcup$   |               | l::::i.  |          | 148      |                    | 4  | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | Ш                     |          | $\dashv$  | _                 | ╝        |
|                 | 49         | $\perp$  | $\perp$                 | $\perp$      |          | Ш                   | $\perp$  |          | _      |             | 99       |          | Ш                | $\perp$         |               | $\sqcup$   |               |          |          | 149      | $oldsymbol{\perp}$ | $\perp$  | L  | Ш                     |          | $\Box$  | $\perp$           | ╝        |
| ι Г             | 50         |          |                         |              |          | $\Box$              |          |          |        |             | 100      |          |                  | $\Box$          |               |  |               | !!!![    |          | 150      |                    |  |  |                       |          | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $oldsymbol{\bot}$ |          |